

Possum Point Ash Pond ABC - Status

- **VA DCR Conditional O&M Certificate – Issued July 2014**
 - Dam breach/inundation study by April 2016 – Complete
 - Spillway design flood study by December 2015 – Complete
 - Correct crest erosion/settlement at Ponds A&B by April 2016 - Sandbagging/rock-fill placement Summer 2014; permanent repairs with pond closure
 - Remove trees and vegetation from slopes by April 2016 – Included in pond closure scope
- **Stability Analyses – December 2014**
 - Slopes stable in current configuration – No modification required
- **Drawings for Dike Repairs/Tree Removal – January 2015**
 - Design complete – Implementation with pond closure
- **Emergency Action Plan- April 2016**
 - Plan to complete- July 2015
- **Inspections**
 - Weekly by Station ECC and copies to PGE
 - Annually by PGE and copies to DCR

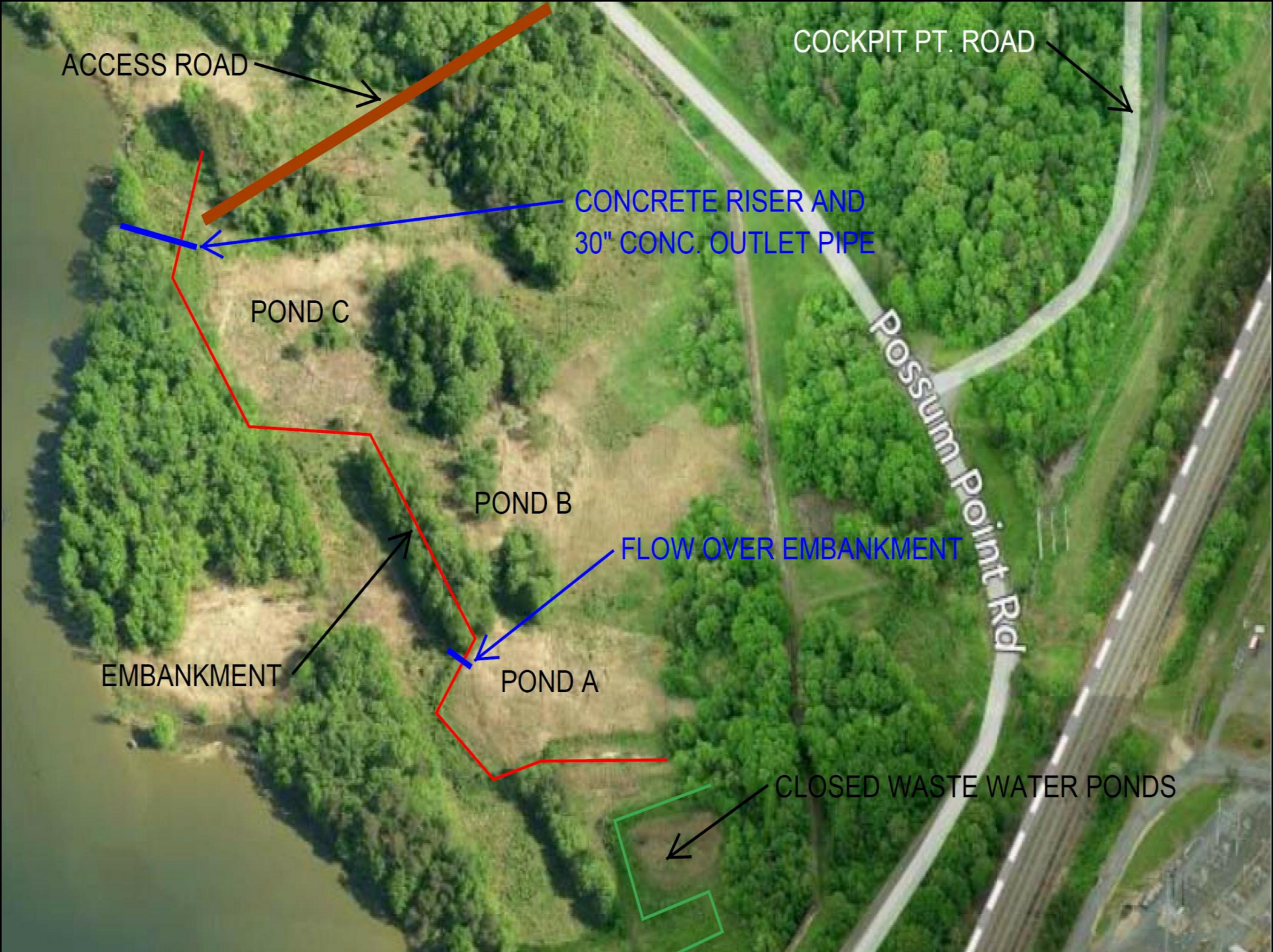
Possum Point Ash Pond ABC - Actions

- **March 2014**
 - Identified Ash Pond ABC- outfall discharge, crest erosion, crest low areas, regulatory req'mt.
- **April 2014**
 - Initiated topographic survey of the dam and watershed for use in stability and hydrologic analyses.
 - Evaluated options to divert water toward outfall and away from erosion and low areas
- **May 2014**
 - Developed engineering options to stop all flow from ABC (not implemented)
- **June 2014**
 - Sandbagged the low areas of ABC dam
 - Submitted O&M Certificate application to VA DCR.
 - Initiated dam integrity analysis- Hydraulic and Hydrologic analysis, spillway capacity
 - Evaluated diversion of storm water away from Pond ABC (not implemented).
- **July 2014**
 - Performed dam stability borings.
 - Received Conditional O&M Certificate from VA DCR.
- **September 2014**
 - Received SELC Notice of Intent to Sue
- **December 2014**
 - Completed stability analysis. Slopes are stable in the current configuration.
 - Completed drawings for Dike Repairs/Tree Removal. To be implemented with pond closure.
 - Completed Dam Break Analysis and Inundation Mapping. Found low downstream flooding hazard.
- **January 2015**
 - Decision made to close all ponds
 - Developed strategy and initiated closure engineering
- **Ongoing- Weekly inspections**

Agency Communications

- April 11, 2014- Met w/DEQ at Possum Point ABC Pond area
- April 2014- Notified DCR of impoundment status (Registration)
- May 2014- Met with DEQ Piedmont Regional Office
- June 2014- Submitted O&M Certificate application to VA DCR
- July 2014- Received Conditional O&M Certificate from VA DCR
- Spring 2015-
 - Discussions with Northern Regional DEQ Office- Preliminary plans and permitting
 - Discussions with US Fish & Wildlife about requirements for eagle disturbance
 - Submittal to Game & Inland Fisheries regarding dredging plans for E to D
 - Discussions with Prince William County about need to build haul road- E to D
- March 30, 2015- Letter to DEQ describing preliminary plans based on pre-publication of the rule

Appendix



ACCESS ROAD

COCKPIT PT. ROAD

CONCRETE RISER AND
30" CONC. OUTLET PIPE

POND C

POND B

FLOW OVER EMBANKMENT

EMBANKMENT

POND A

Possum Point Rd

CLOSED WASTE WATER PONDS

Possum Point Pond A



Possum Point Pond B



Possum Point Pond C





05/09/2014 10:16

Pond A Seep



Pond B Seep

